

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	117	(607/44).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 12:00
L3	5	1 and (convolution fourier)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/29 12:03
L5	812	(607/17).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/29 12:06
S1	581	(607/17).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/05 08:15
S2	336	"607".clas. and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 08:22
S3	1158	"600".clas. and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 09:13
S4	1	("6223078").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/05 09:14
S5	80	("4023564"   "5020540"   "5184615"   "5193550"   "5215098"   "5240009"   "5255186"   "5271411"   "5280792"   "5331966"   "5447519"   "5456261"   "5542430"   "5645070"   "5683425"   "5712801"   "5730142"   "5772604"   "5778881"   "5779645"   "5782888"   "5792065"   "5797399"   "5797849"   "5819007").PN. OR ("6223078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 09:18

S6	3	S5 and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 09:18
S7	11412	(600/481-528,544-546).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/05 09:20
S8	198	S7 and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 09:20
S9	9	"607".clas. and convolution same fourier	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 14:57
S10	230	"60".\$.clas. and convolution same fourier	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 14:57
S11	8	"60".\$.clas. and (convolution with integral) same fourier	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 14:58
S12	7	"60".\$.clas. and (convolution with integral) same fft	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 14:59
S13	251	"60".\$.clas. and convolution same (fourier fft)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 15:05
S14	282	"607".clas. and "transfer function"	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 15:31
S15	12	("3746847"   "4635207"   "4944009"   "5258937"   "5349539"   "5453940"   "5467291"   "5493516"   "5835682"   "6029090"   "6185594").PN. OR ("6850871").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 15:52
S16	10	("4450527"   "4836214"   "4898176"   "5203344"   "5626624"   "5782774"   "5791349"   "6186955"   "6287263").PN. OR ("6496732").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 16:02

S17	47	(US-20070167991-\$ or US-20070162086-\$ or US-20070142862-\$ or US-20060224191-\$ or US-20060142821-\$ or US-20050240242-\$ or US-20040215244-\$ or US-20040116972-\$ or US-20040030364-\$ or US-20030199939-\$ or US-20020177882-\$ or US-20020032469-\$ or US-20030229289-\$ or US-20040111033-\$ or US-20050021103-\$ or US-20030093129-\$). did. or (US-7324851-\$ or US-7277758-\$ or US- 7242984-\$ or US- 7231254-\$ or US- 7203545-\$ or US- 6687540-\$ or US- 6622044-\$ or US- 6484055-\$ or US- 6366813-\$ or US- 6223078-\$ or US- 4648403-\$ or US- 5683425-\$ or US- 7079888-\$ or US- 6898459-\$ or US- 6475153-\$ or US- 5954662-\$ or US- 5722416-\$ or US- 5425373-\$ or US- 5423325-\$ or US- 5046504-\$ or US- 4979110-\$ or US- 4974602-\$ or US- 7286871-\$ or US- 7209788-\$ or US- 6850871-\$ or US- 6819956-\$).did. or (US- 6496732-\$ or US- 6351672-\$ or US- 6128534-\$ or US- 5514162-\$ or US- 5476483-\$).did.	US-PGPUB; USPAT	OR	ON	2008/09/19 16:57
-----	----	--	--------------------	----	----	---------------------

S18	7	(US-20030093129-\$). did. or (US-7209788-\$ or US-6850871-\$ or US- 6819956-\$ or US- 6687540-\$ or US- 6496732-\$ or US- 6223078-\$).did.	US-PGPUB; USPAT	OR	ON	2008/09/19 16:57
S19	190	"607".clas. and "impulse response"	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 17:14
S20	160	S19 not S14	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 17:14
S21	1	("6850871").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 09:04
S22	93	"607".clas. and laplace	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/22 09:07
S23	48	(US-20070167991-\$ or US-20070162086-\$ or US-20070142862-\$ or US-20060224191-\$ or US-20060142821-\$ or US-20050240242-\$ or US-20040215244-\$ or US-20040116972-\$ or US-20040030364-\$ or US-20030199939-\$ or US-20020177882-\$ or US-20020032469-\$ or US-20030229289-\$ or US-20040111033-\$ or US-20050021103-\$ or US-20030093129-\$). did. or (US-7324851-\$ or US-7277758-\$ or US- 7242984-\$ or US- 7231254-\$ or US- 7203545-\$ or US- 6687540-\$ or US- 6622044-\$ or US- 6484055-\$ or US- 6366813-\$ or US- 6223078-\$ or US- 4648403-\$ or US- 5683425-\$ or US- 7079888-\$ or US- 6898459-\$ or US- 6475153-\$ or US- 5954662-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/09/22 09:24

		5722416-\$ or US- 5425373-\$ or US- 5423325-\$ or US- 5046504-\$ or US- 4979110-\$ or US- 4974602-\$ or US- 7286871-\$ or US- 7209788-\$ or US- 6850871-\$ or US- 6819956-\$).did. or (US- 6496732-\$ or US- 6351672-\$ or US- 6128534-\$ or US- 5514162-\$ or US- 5476483-\$ or US- 5016635-\$).did.				
S24	41	S23 and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/22 09:24
S25	1	("5016635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 12:11
S26	48	(US-20070167991-\$ or US-20070162086-\$ or US-20070142862-\$ or US-20060224191-\$ or US-20060142821-\$ or US-20050240242-\$ or US-20040215244-\$ or US-20040116972-\$ or US-20040030364-\$ or US-20030199939-\$ or US-20020177882-\$ or US-20020032469-\$ or US-20030229289-\$ or US-20040111033-\$ or US-20050021103-\$ or US-20030093129-\$). did. or (US-7324851-\$ or US-7277758-\$ or US- 7242984-\$ or US- 7231254-\$ or US- 7203545-\$ or US- 6687540-\$ or US- 6622044-\$ or US- 6484055-\$ or US- 6366813-\$ or US- 6223078-\$ or US- 4648403-\$ or US- 5683425-\$ or US- 7079888-\$ or US- 6898459-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/09/22 12:30

		6475153-\$ or US- 5954662-\$ or US- 5722416-\$ or US- 5425373-\$ or US- 5423325-\$ or US- 5046504-\$ or US- 4979110-\$ or US- 4974602-\$ or US- 7286871-\$ or US- 7209788-\$ or US- 6850871-\$ or US- 6819956-\$).did. or (US- 6496732-\$ or US- 6351672-\$ or US- 6128534-\$ or US- 5514162-\$ or US- 5476483-\$ or US- 5016635-\$).did.				
S27	12	S26 and amplifier and converter	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/22 12:30
S28	633	(607/17).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 12:39
S29	362	"607".clas. and "convolution"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 11:50
S30	63	"607".clas. and convolution and fourier	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 11:50
S31	2878	"60"\$.clas. and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/02 15:33
S32	84	"60"\$.clas. and convolution with integral	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/02 15:33
S33	379	"607".clas. and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/02 15:41
S34	925	"convolution integral"	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/03 09:37
S35	264	"convolution integral" and body	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/03 09:37
S36	909	"607".clas. and (laplace fourier "transfer function")	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/03 09:59

S37	310	"607".clas. and (((laplace fourier) with tranform) "transfer function")	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/03 10:02
S38	664	"607".clas. and (((laplace fourier) with transform) "transfer function")	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/03 10:05
S39	55	(US-20070167991-\$ or US-20070162086-\$ or US-20070142862-\$ or US-20060224191-\$ or US-20060142821-\$ or US-20050240242-\$ or US-20040215244-\$ or US-20040116972-\$ or US-20040030364-\$ or US-20030199939-\$ or US-20020177882-\$ or US-20020032469-\$ or US-20030229289-\$ or US-20040111033-\$ or US-20050021103-\$ or US-20030093129-\$ or US-20030100923-\$ or US-20090024332-\$ or US-20060089678-\$). did. or (US-7324851-\$ or US-7277758-\$ or US- 7242984-\$ or US- 7231254-\$ or US- 7203545-\$ or US- 6687540-\$ or US- 6622044-\$ or US- 6484055-\$ or US- 6366813-\$ or US- 6223078-\$ or US- 4648403-\$ or US- 5683425-\$ or US- 7079888-\$ or US- 6898459-\$ or US- 6475153-\$ or US- 5954662-\$ or US- 5722416-\$ or US- 5425373-\$ or US- 5423325-\$ or US- 5046504-\$ or US- 4979110-\$ or US- 4974602-\$ or US- 7286871-\$ or US- 7209788-\$ or US- 6850871-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/07/03 10:46

		6819956-\$).did. or (US-6496732-\$ or US-6351672-\$ or US-6128534-\$ or US-5514162-\$ or US-5476483-\$ or US-5016635-\$ or US-4507974-\$ or US-7039463-\$ or US-5983139-\$ or US-7225023-\$).did.				
S40	46	S39 and convolution	US-PGPUB; USPAT	OR	ON	2009/07/03 10:46
S41	18	S39 and convolution and "transfer function"	US-PGPUB; USPAT	OR	ON	2009/07/03 10:47
S42	779	convolution with "transfer function"	US-PGPUB; USPAT	OR	ON	2009/07/03 10:49
S43	34	"convolution integral" with "transfer function"	US-PGPUB; USPAT	OR	ON	2009/07/03 10:49
S44	389	"607".clas. and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 11:45
S45	13228	(600/481-528,544- 546).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 11:45
S46	248	S45 and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 11:45
S47	1356	S44 S46 607/17.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 11:45
S48	1569	607/17	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 16:37
S49	13701	("0000607").PN. or (600/481-528,544- 546).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/28 17:24
S50	263	S49 and convolution	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 17:24
S51	10	("20020032469"   "20060089678"   "4006351"   "5016635"   "5423325"   "5111815"   "5199428"   "6223078"   "6129744"   "7079888").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/29 10:15



**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	2	"607".clas. and (convolution and fourier).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/29 12:04

**4/ 29/ 2010 12:07:16 PM****C:\ Documents and Settings\ mkahelin\ My Documents\ EAST\ Workspaces\ 10523539.w sp**